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TOWNSEND & TOWNSEND

NO. 0183 P. 1/11

Atty Docket No. 015389-002616US

PTO FAX NO.: 703-746-9195

TELEPHONE NO.: 703-308-1202

**OFFICIAL COMMUNICATION**  
**FOR THE ATTENTION OF**  
**Office of Initial Patent Examination**  
**(OIPE)**

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following document(s) in re Application of Thomas R. Cech et al., Application No. 09/721,506, filed November 22, 2000, for NUCLEIC ACIDS ENCODING HUMAN TELOMERASE REVERSE TRANSCRIPTASE AND RELATED HOMOLOGS HAVING TELOMERASE ACTIVITY (AMENDED) is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Transmittal Form (1 page)
2. Request for Corrected Filing Receipt (2 pages)
3. Copy of Corrected Filing Receipt (marked) (2 pages)
4. Supplemental Application Data Sheet (5 pages)

Number of pages being transmitted, including this page: 11

Dated: November 16, 2004

Janet L. Newmaker  
Janet L. Newmaker


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TOWNSEND and TOWNSEND and CREW LLP  
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San Francisco, CA 94111-3834  
Telephone: 303-571-4000  
Fax: 303-571-4321  
60357616 v1

PTO/SB/21 (08-04)

<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/721,506	
	Filing Date	November 22, 2000	
	First Named Inventor	Thomas R. Cech	
	Art Unit	1634	
	Examiner Name	Bradley L. Sisson	
Total Number of Pages in This Submission	10	Attorney Docket Number	015389-002616US

ENCLOSURES <small>(Check all that apply)</small>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request For Corrected Filing Receipt Copy of Corrected Filing Receipt (marked) Supplemental Application Data Sheet
Remarks <input type="checkbox"/> The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Scott L. Ausenhus		
Date	November 16, 2004	Reg. No.	42,271

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. 703-748-9195, on November 16, 2004.			
Signature			
Typed or printed name	Janet L. Newmaker	Date	November 16, 2004

60357600 v1

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**PATENT**  
Attorney Docket No.: 015389-002616US  
Client Ref. No.: 018/210C

TOWNSEND and TOWNSEND and CREW LLP

By: Janet L. Newmaker  
Janet L. Newmaker

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Thomas R. Cech et al.

Application No.: 09/721,506

Filed: November 22, 2000

For: NUCLEIC ACIDS ENCODING  
HUMAN TELOMERASE  
REVERSE TRANSCRIPTASE  
AND RELATED HOMOLOGS  
HAVING TELOMERASE  
ACTIVITY (AMENDED)

Customer No.: 34151

Confirmation No.: 5211

Examiner: Bradley L. Sisson

Art Unit: 1634

**REQUEST FOR CORRECTED FILING  
RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is a copy of the Corrected Filing Receipt received from the US Patent and Trademark Office for the above-identified application for which issuance of another Corrected Filing Receipt is respectfully requested. The requested corrections are indicated below and on the Filing Receipt. Also attached is a Supplemental Application Data Sheet which reflects these changes.

The address of the fourth inventor has changed as follows.

Karen B. Chapman, Mill Valley, CA

Thomas R. Cech et al.  
Application No.: 09/721,506  
Page 2

PATENT

The Attorney Docket Number is as follows.

015389-002616US

The Applicants believe no fee is required for submission of this Request. If a fee is required, however, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430.

Respectfully submitted,



Scott L. Ausenhus  
Reg. No. 42,271

Date: November 16, 2004

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
Tel: 303-571-4000  
Fax: 303-571-4321  
SLA/jln  
60357571 v1



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1459  
 Alexandria, Virginia 22313-4450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FILE FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
09/721,506	11/22/2000	1634	840	015389-002610 002616US	118	20	3

CONFIRMATION NO. 5211

CORRECTED FILING RECEIPT



\*OC000000013090301\*

34151

TOWNSEND AND TOWNSEND AND CREW LLP  
 8TH FLOOR  
 TWO EMBARCADERO CENTER  
 SAN FRANCISCO, CA 94111

Date Mailed: 07/01/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Thomas R. Cech, Potomac, MD;  
 Joachim Lingner, Epalinges, SWITZERLAND;  
 Toru Nakamura, San Diego, CA;  
 Karen B. Chapman, ~~Southborough, MA~~ *Mill Valley, CA*  
 Gregg B. Morin, Oakville, CANADA;  
 Calvin B. Harley, Palo Alto, CA;  
 William H. Andrews, Reno, NV;

## Domestic Priority data as claimed by applicant

This application is a CON of 08/974,549 11/19/1997 PAT 6,166,178  
 which is a CIP of 08/915,503 08/14/1997 ABN  
 and is a CIP of 08/912,951 08/14/1997 PAT 6,475,789  
 and is a CIP of 08/911,312 08/14/1997 ABN  
 which is a CIP of 08/854,050 05/09/1997 PAT 6,261,836  
 which is a CIP of 08/851,843 05/08/1997 PAT 6,093,809  
 which is a CIP of 08/846,017 04/25/1997 ABN  
 which is a CIP of 08/844,419 04/18/1997 ABN

## Foreign Applications

UNITED STATES OF AMERICA PCT/US97/17885 10/01/1997  
 UNITED STATES OF AMERICA PCT/US97/17618 10/01/1997

If Required, Foreign Filing License Granted: 01/17/2001

**Projected Publication Date:** None, application is not eligible for pre-grant publication

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Nucleic acids encoding human telomerase reverse transcriptase and related homologs having telomerase activity

**Preliminary Class**

538

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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